INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket Number (Optional) A1669cip Application Number 09/855,403

Johnson et al. Applicant

	(Use several sheets if necessar		Filing Date 05/15/01		Group Art Unit	unknown
		U. S. PATE	NT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE
650	4,911,157	03/27/90	Miller			
701	4,823,784	04/25/89	Bordoni et al.			
A46 1 0 ;	4,660,547	04/28/87	Kremer, Jr.			
	4,657,007	04/14/87	Carlin et al.			
PADENA	4,560,519	12/24/85	Cerny			
	4,534,343	08/13/85	Nowacki et al.			
	4,396,015	08/02/83	Johnson			
	4,268,460	05/19/81	Boiarski et al.			
	4,259,951	04/07/81	Chernack et al.			
	4,253,468	03/03/81	Lehmbeck			
	4,231,973	11/04/80	Young et al.			
	4,210,155	07/01/80	Grimes			
	4,113,809	09/12/78	Abair et al.			
	4,100,235	07/11/78	Thornwald			
	4,094,317	06/13/78	Wasnich			
	4,061,698	12/06/77	Thornwald			
	4,007,238	02/08/77	Glenn			ļ
	3,826,255	07/30/74	Havstad et al.			
	3,769,973	11/06/73	Esbenshade, Jr.			
	3,762,409	10/02/73	Lester			
	Re. 33,642	07/23/91	Lester			
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Johnson et al. Applicant

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	(Use several sheets if necessary		Filing Date 05/15/01		Group Art Unit	unknown	
. <u>.</u> .		U. S. PATE	NT DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE	
COKIN	5,431,154	07/11/95	Seigel et al.				
DIP	5,415,161	05/16/95	Ryder				
AU I II 2	5,396,883	03/14/95	Knupp et al.				
2 1 1	. / 3,300,371	02/14/95	Roberts et al.				
TADEN S	5,379,760	01/10/95	Ryder				
PAUL	5,357,945	10/25/94	Messina				
	5,299,565	04/05/94	Brown				
	5,297,543	03/29/94	Larson et al.				
	5,287,847	02/22/94	Piper et al.				
	5,277,175	01/11/94	Riggs et al.				
	5,241,954	09/07/93	Glenn				
	5,235,969	08/17/93	Bellm				
	5,209,225	05/11/93	Glenn				
	5,178,138	01/12/93	Walstrom et al.				
	5,170,782	12/15/92	Kocinski				
	5,099,833	03/31/92	Michaels				
	5,086,765	02/11/92	Levine				
	5,062,419	11/05/91	Rider				
	5,036,840	08/06/91	Wallace				
	5,027,809	07/02/91	Robinson				
	5,020,530	06/04/91	Miller				
	4,951,661	08/28/90	Sladek				
	4,938,209	07/03/90	Fry) ල ය	70	
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional) A1669cip

Application Number 09/855,403

Applicant Johnson et al.

Filing Date 05/15/01

Group Art Unit unknown

S,797,389	(Use several sheets if necessary) Filing Date 05/15/01 Group Art Unit unknown							
S,797,389 08/25/98 Ryder			U. S. PATE	NT DOCUMENTS				
S,782,232		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE	
S,775,320	COLU	5,797,389	08/25/98	Ryder				
Society Soci		5,782,232	07/21/98	Rowland				
S,738,086	OP		07/07/98	Patton et al.				
5,738,086 04/14/98 McMahon et al. 5,727,542 03/17/98 King 5,704,344 01/06/98 Cole 5,685,291 11/11/97 Marsh 5,653,223 08/05/97 Pruitt 5,613,489 03/25/97 Miller et al. 5,598,835 02/04/97 von Schrader 5,596,982 01/28/97 Blaha-Schnabel 5,586,551 12/24/96 Hilliard 5,584,285 12/17/96 Salter et al. 5,579,757 12/03/96 McMahon et al. 5,570,682 11/05/96 Johnson 5,546,930 08/20/96 Wikefeldt 5,513,626 05/07/96 Hamilton 5,520,167 05/28/96 Hamilton 5,503,139 04/02/96 McMahon et al. 5,477,849 12/26/95 Fry 5,458,135 10/17/95 Patton et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRADBATOR TO THE DOCUMENTS TOTHER DOCUMENTS (Including Author, Title Date, Pertinent Pages, Etc.)			05/19/98	King				
S,704,344 01/06/98 Cole		5,738,086	04/14/98	McMahon et al.	$\perp \perp$		_	
S,704,344 01/06/98 Cole	Er .	5,727,542	03/17/98	King				
5,653,223 08/05/97 Pruitt			01/06/98	Cole				
5,613,489 03/25/97 Miller et al.		5,685,291	11/11/97	Marsh			·	
5,598,835 02/04/97 Von Schrader 5,596,982 01/28/97 Blaha-Schnabel 5,586,551 12/24/96 Hilliard 5,584,285 12/17/96 Salter et al. 5,579,757 12/03/96 McMahon et al. 5,570,682 11/05/96 Johnson 5,546,930 08/20/96 Wikefeldt 5,513,626 05/07/96 Hamilton 5,520,167 05/28/96 Hamilton 5,503,139 04/02/96 McMahon et al. 5,479,920 01/02/96 Piper et al. 5,479,920 01/02/96 Piper et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATIO		5,653,223	08/05/97	Pruitt				
5,596,982 01/28/97 Blaha-Schnabel 5,586,551 12/24/96 Hilliard 5,584,285 12/17/96 Salter et al. 5,579,757 12/03/96 McMahon et al. 5,570,682 11/05/96 Johnson 5,546,930 08/20/96 Wikefeldt 5,513,626 05/07/96 Hamilton 5,520,167 05/28/96 Hamilton 5,503,139 04/02/96 McMahon et al. 5,479,920 01/02/96 Piper et al. 5,477,849 12/26/95 Fry 5,458,135 10/17/95 Patton et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION FOR EIGH PATENT DOCUMENTS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		5,613,489	03/25/97	Miller et al.				
5,586,551 12/24/96 Hilliard 5,584,285 12/17/96 Salter et al. 5,579,757 12/03/96 McMahon et al. 5,570,682 11/05/96 Johnson 5,546,930 08/20/96 Wikefeldt 5,513,626 05/07/96 Hamilton 5,520,167 05/28/96 Hamilton 5,503,139 04/02/96 McMahon et al. 5,479,920 01/02/96 Piper et al. 5,477,849 12/26/95 Fry 5,458,135 10/17/95 Patton et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER COUNTRY CLASS SUBCLASS TRANSLATIO FYES PAI OTHER DOCUMENTS (Including Author, Title Date, Pertinent Pages, Etc.)		5,598,835	02/04/97	von Schrader				
5,584,285 12/17/96 Salter et al.		5,596,982	01/28/97	Blaha-Schnabel				
5,579,757 12/03/96 McMahon et al.		5,586,551	12/24/96	Hilliard				
5,570,682		5,584,285	12/17/96	Salter et al.				
5,546,930 08/20/96 Wikefeldt 5,513,626 05/07/96 Hamilton 5,520,167 05/28/96 Hamilton 5,503,139 04/02/96 McMahon et al. 5,479,920 01/02/96 Piper et al. 5,477,849 12/26/95 Fry 5,458,135 10/17/95 Patton et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION OF THE PROCLIMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		5,579,757	12/03/96	McMahon et al.				
5,513,626 05/07/96 Hamilton 5,520,167 05/28/96 Hamilton 5,503,139 04/02/96 McMahon et al. 5,479,920 01/02/96 Piper et al. 5,477,849 12/26/95 Fry 5,458,135 10/17/95 Patton et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATIO YES ON NOTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		5,570,682	11/05/96	Johnson				
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5,503,139		5,513,626	05/07/96	Hamilton				
5,479,920 01/02/96 Piper et al.		5,520,167	05/28/96	Hamilton	_			
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5,458,135 10/17/95 Patton et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES ON NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		5,479,920	01/02/96	Piper et al.				
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not consider include copy of this form with next communication to the applicant.	EXAMINER:	Initial if citation considered, whether or	not citation is in conforma	nce with MPEP § 609; Draw line th	rough citation if	not in conformanc	e and not considered.	

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket Number (Optional) A1669cip

Application Number 09/855,403

Applicant Johnson et al.

IN AN APPLICATION (Use several sheets If necessary)			Filing Date 05/15/01	Group Art Unit Unknown			
		U. S. PATEN	T DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE	
GEB	6,223,745	05/01/01	Hammarlund et al.				
J.P	6,138,668	10/31/00	Patton et al.				
\d'.	6,116,233	09/12/00	Denyer et al.				
ALE 10	2001 6,085,741	07/11/00	Becker				
色	6,014,972	01/18/00	Sladek				
& TRAIN	5,988,162	11/23/99	Retallick, III				
	5,823,179	10/20/98	Grychowski et al				
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Form PTO-1449		Docket Number (Optional) A1669cip Application Number 09/855,4					
\mathbf{C}	ORNATION DISCLOSURE	Applicant Johnson et al.					
25 10 A	IN AN APPLICATION (Use several sheets if necessary)	<u> </u>	Filing Date 05/15/01		Group Art Uni	3761	
		U. S. PATEN	T DOCUMENTS	T			
EXAMINER AND	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE	
00	4,911,157	03/27/90	Miller	j j			
1	4,823,784	04/25/89	Bordoni et al.				
	4,660,547	04/28/87	Kremer, Jr.				
	4,657,007	04/14/87	Carlin et al.				
	4,560,519	12/24/85	Cerny			-	
	4,534,343	08/13/85	Nowacki et al.				
	4,396,015	08/02/83	Johnson				
	4,268,460	05/19/81	Boiarski et al.				
	4,259,951	04/07/81	Chernack et al.				
	4,253,468	03/03/81	Lehmbeck			<u> </u>	
	4,231,973	11/04/80	Young et al.				
	4,210,155	07/01/80	Grimes				
	4,113,809	09/12/78	Abair et al.				
	4,100,235	07/11/78	Thornwald				
	4,094,317	06/13/78	Wasnich			-	
	4,061,698	12/06/77	Thornwald				
	4,007,238	02/08/77	Glenn				
	3,826,255	07/30/74	Havstad et al.				
	3,769,973	11/06/73	Esbenshade, Jr.		ţ		
	3,762,409	10/02/73	Lester			:	
	Re. 33,642	07/23/91	Lester				
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		FOREIGN PAT	ENT DOCUMENTS		-	· · · · · · · · · · · · · · · · · · ·	
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Form PTO-1449		Docket Number (Optional) A1669cip Application Number 09/855,403								
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OUD	5,431,154	07/11/95	Seigel et al.							
	5,415,161	05/16/95	Ryder							
	5,396,883	03/14/95	Knupp et al.							
	5,388,571	02/14/95	Roberts et al.							
	5,379,760	01/10/95	Ryder		_					
	5,357,945	10/25/94	Messina					<u></u>		
	5,299,565	04/05/94	Brown							
	5,297,543	03/29/94	Larson et al.							
	5,287,847	02/22/94	Piper et al.							
	5,277,175	01/11/94	Riggs et al.							
	5,241,954	09/07/93	Glenn							
	5,235,969	08/17/93	Bellm							
	5,209,225	05/11/93	Glenn							
	5,178,138	01/12/93	Walstrom et al.							
	5,170,782	12/15/92	Kocinski			(
	5,099,833	03/31/92	Michaels			-		· :		
	5,086,765	02/11/92	Levine			1				
	5,062,419	11/05/91	Rider			1	<u>.</u>			
	5,036,840	08/06/91	Wallace							
	5,027,809	07/02/91	Robinson			•				
	5,020,530	06/04/91	Miller							
	4,951,661	08/28/90	Sladek							
	4,938,209	07/03/90	Fry		l	,				
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Sheet 3 of 4

Form PTO 1440		Docket Number (Optional) A1669cip Application Number 09/855,403							
NFORMATION DISCLOSURE CITATION SA AN APPLICATION			Applicant Johnson et al.						
SEP 2 (MAIN APPLICATION Assistance of the second o	Filling Date 05/15/01 Group Art Unit 3761							
U. S. PATENT DOCUMENTS									
EXAMINER INNIAG TR	DEMARK DOCUMENT NUMBER	DATE	NAME	CLAS	s	SUBCL	ASS	RULING IF APPRO	
100	5,797,389	08/25/98	Ryder						
	5,782,232	07/21/98	Rowland			1			
	5,775,320	07/07/98	Patton et al.		\Box				
	5,752,502	05/19/98	King				igspace		
	5,738,086	04/14/98	McMahon et al.				\perp		
	5,727,542	03/17/98	King				\perp	,	
	5,704,344	01/06/98	Cole		\Box		Ш		
	5,685,291	11/11/97	Marsh				\perp		
	5,653,223	08/05/97	Pruitt	Ц	\Box		\perp		
	5,613,489	03/25/97	Miller et al.						
	5,598,835	02/04/97	von Schrader			_	Щ	<u></u> .	
	5,596,982	01/28/97	Blaha-Schnabel	Ш					
	5,586,551	12/24/96	Hilliard	Ш					
	5,584,285	12/17/96	Salter et al.	Ш					
	5,579,757	12/03/96	McMahon et al.						
	5,570,682	11/05/96	Johnson	Щ				-	
	5,546,930	08/20/96	Wikefeldt					1	·
	5,513,626	05/07/96	Hamilton	Щ.				, ,	
	5,520,167	05/28/96	Hamilton	Щ.					
	5,503,139	04/02/96	McMahon et al.	Щ				_	
	5,479,920	01/02/96	Piper et al.	1					
	5,477,849	12/26/95	Fry	Щ					
	5,458,135	10/17/95	Patton et al.						
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Form PTO-1449		Docket Number (Optional) A1669cip Application Number 09/855,40						
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EXAMINER INTOAL	DENNIT NUMBER 6,223,745	DATE	NAME	CLASS	SUBC	ASS		IG DATE
OLO TRA	6,223,745	05/01/01	Hammarlund et al.					
	6,138,668	10/31/00	Patton et al.		$\perp \perp$			
	6,116,233	09/12/00	Denyer et al.					
	6,085,741	07/11/00	Becker					
	6,014,972	01/18/00	Sladek					
	5,988,162	11/23/99	Retallick, III					
	5,823,179	10/20/98	Grychowski et al	l				
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EXAMINER Include copy	: Initial if citation considered, whether or no	t citation is in conforman	ce with MPEP § 609; Draw line through	h citation	if not in confo	rmance a	and not co	onsidered.